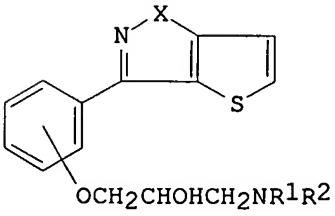
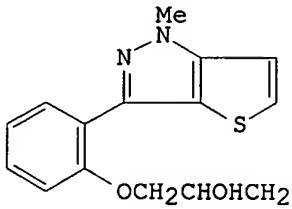
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1987:598314 CAPLUS
DN 107:198314
TI Preparation of [(3-aminopropoxy)phenyl]thienoisoxazoles and- pyrazoles for
treatment of hypertension and glaucoma
IN Ong, Helen Hu; Yasenchak, Christine Mary
PA Hoechst-Roussel Pharmaceuticals, Inc., USA
SO Eur. Pat. Appl., 73 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | EP 221414 | A1 | 19870513 | EP 1986-114314 | 19861016 |
| | R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE | | | | |
| | US 4728651 | A | 19880301 | US 1985-791019 | 19851024 |
| | DK 8605079 | A | 19870425 | DK 1986-5079 | 19861023 |
| | AU 8664337 | A1 | 19870430 | AU 1986-64337 | 19861023 |
| | JP 62103086 | A2 | 19870513 | JP 1986-250937 | 19861023 |
| | ZA 8608065 | A | 19870624 | ZA 1986-8065 | 19861023 |
| | HU 45061 | A2 | 19880530 | HU 1986-4456 | 19861023 |
| | HU 198058 | B | 19890728 | | |
| | US 4769472 | A | 19880906 | US 1987-125108 | 19871125 |
| PRAI | US 1985-791019 | A | 19851024 | | |

OS CASREACT 107:198314
GI




I



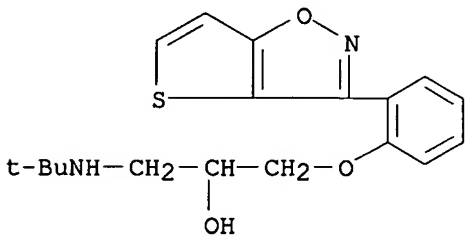

II

AB The title compds. [I; X = O, NR; R = H, alkyl; R1 = H; R2 = alkyl, arylalkyl, aryloxyalkyl, indolylalkyl, benzodioxarylalkyl, or NR1R2 = (arylalkyl)piperazinyl] were prepared as antihypertensives and for reduction of intraocular pressure. 3-[(2-Epoxymethoxy)phenyl]-1-methyl-1H-thieno[3,2-c]pyrazole 3 g was refluxed with Me3CNH2 in EtOH for 5 h to give 2.5 g of [(aminopropoxy)phenyl]thienopyrazole derivative (II).2HCl. II reduced outflow pressure by 51% when administered to an eye as a 2% solution

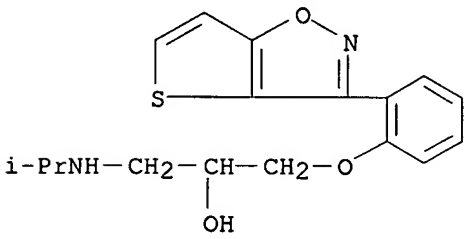
IT **110894-42-3P 110894-43-4P 110894-44-5P**
**110894-46-7P 110894-49-0P 110894-50-3P**
**110894-51-4P 110894-52-5P 110894-53-6P**
**110894-59-2P 110894-60-5P 110894-61-6P**
**110894-62-7P 110894-63-8P 110894-64-9P**
**110894-65-0P 110894-66-1P 110894-76-3P**
**110916-52-4P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, for treatment of hypertension and glaucoma)

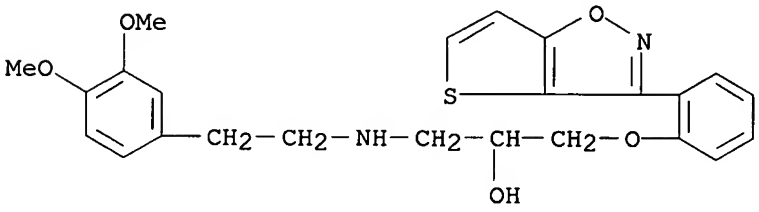
RN 110894-42-3 CAPLUS
CN 2-Propanol, 1-[(1,1-dimethylethyl)amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



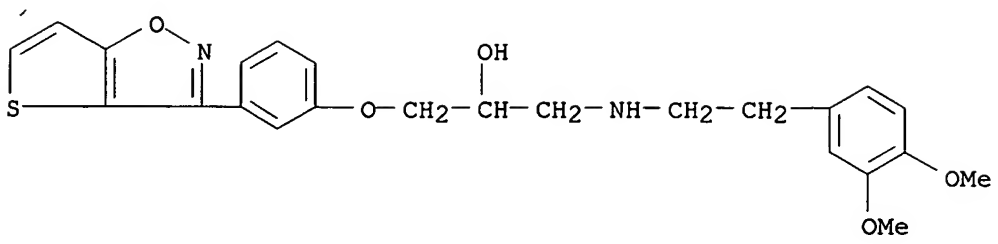
RN 110894-43-4 CAPLUS
CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110894-44-5 CAPLUS
CN 2-Propanol, 1-[[2-(3,4-dimethoxyphenyl)ethyl]amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



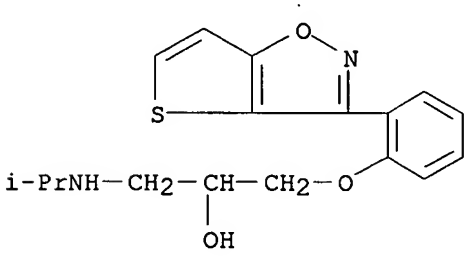
RN 110894-46-7 CAPLUS
CN 2-Propanol, 1-[[2-(3,4-dimethoxyphenyl)ethyl]amino]-3-(3-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110894-49-0 CAPLUS
CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

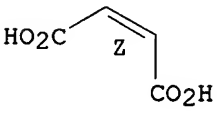
CRN 110894-43-4
CMF C17 H20 N2 O3 S



CM 2

CRN 110-16-7
CMF C4 H4 O4

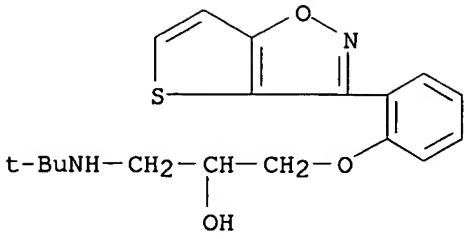
Double bond geometry as shown.



RN 110894-50-3 CAPLUS
CN 2-Propanol, 1-[(1,1-dimethylethyl)amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

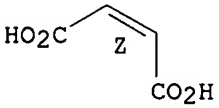
CRN 110894-42-3
CMF C18 H22 N2 O3 S



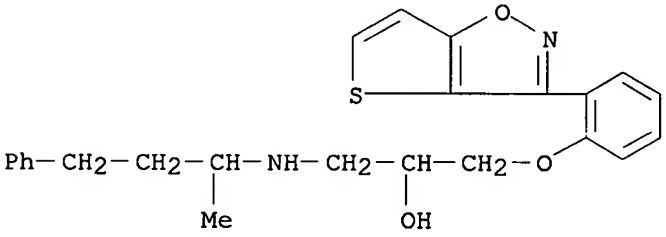
CM 2

CRN 110-16-7
CMF C4 H4 O4

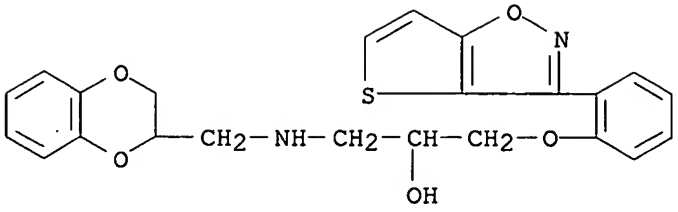
Double bond geometry as shown.



RN 110894-51-4 CAPLUS
CN 2-Propanol,
1-[(1-methyl-3-phenylpropyl)amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)

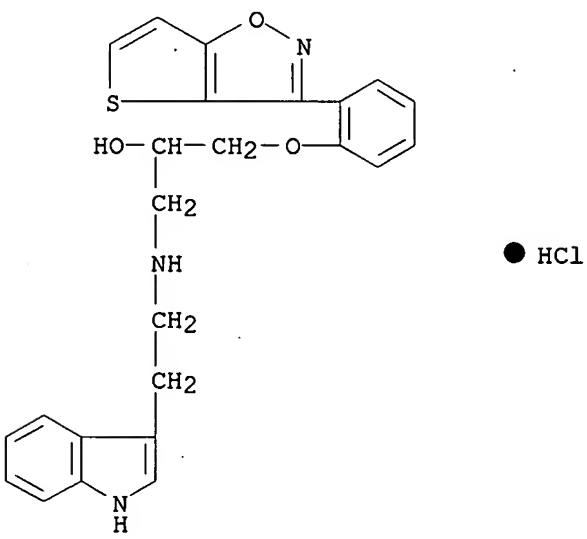


RN 110894-52-5 CAPLUS
CN 2-Propanol, 1-[[(2,3-dihydro-1,4-benzodioxin-2-yl)methyl]amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)-, hydrochloride (9CI) (CA INDEX NAME)



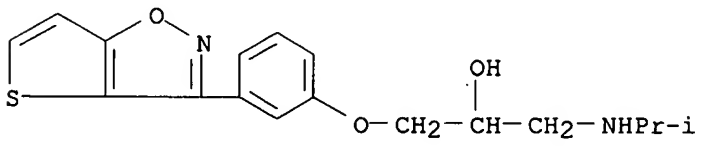
● HCl

RN 110894-53-6 CAPLUS
CN 2-Propanol,
1-[[2-(1H-indol-3-yl)ethyl]amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

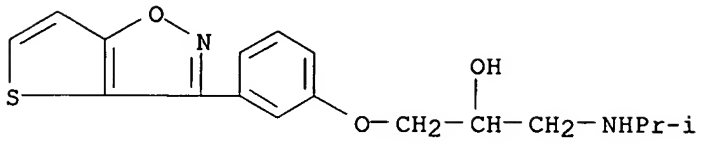
RN 110894-59-2 CAPLUS
CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(3-thieno[2,3-b]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110894-60-5 CAPLUS
CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(3-thieno[2,3-b]isoxazol-3-ylphenoxy)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

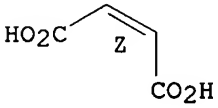
CRN 110894-59-2
CMF C17 H20 N2 O3 S



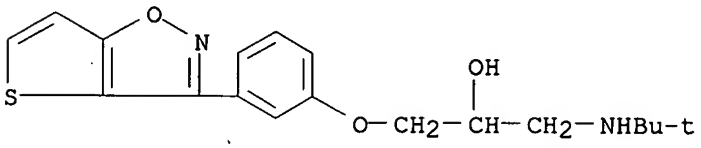
CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.



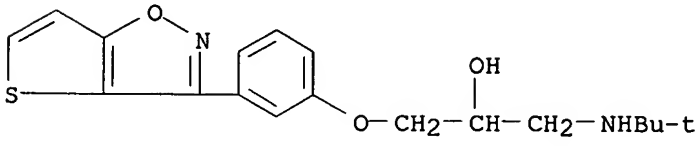
RN 110894-61-6 CAPLUS
CN 2-Propanol, 1-[(1,1-dimethylethyl)amino]-3-(3-thieno[2,3-d]isoxazol-4-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110894-62-7 CAPLUS
CN 2-Propanol, 1-[(1,1-dimethylethyl)amino]-3-(3-thieno[2,3-d]isoxazol-4-ylphenoxy)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

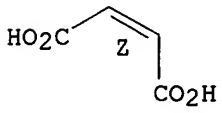
CRN 110894-61-6
CMF C18 H22 N2 O3 S



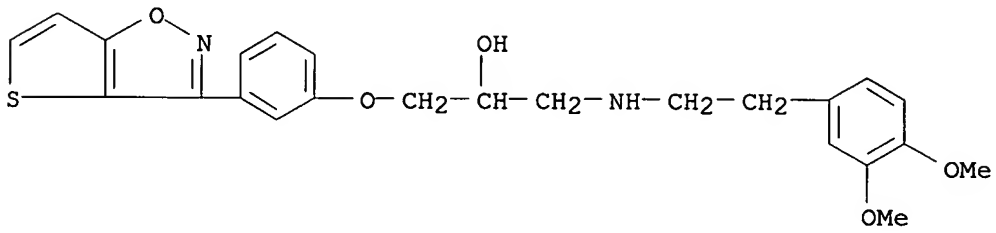
CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.

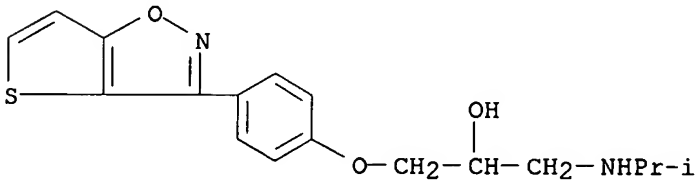


RN 110894-63-8 CAPLUS
CN 2-Propanol, 1-[[2-(3,4-dimethoxyphenyl)ethyl]amino]-3-(3-thieno[2,3-d]isoxazol-3-ylphenoxy)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

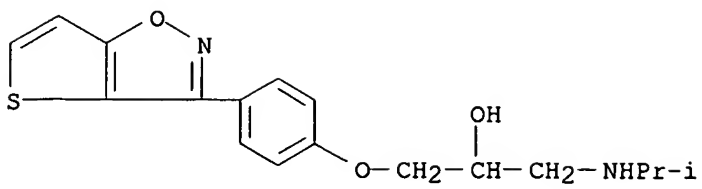
RN 110894-64-9 CAPLUS
CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(4-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110894-65-0 CAPLUS
CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(4-thieno[2,3-d]isoxazol-3-ylphenoxy)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

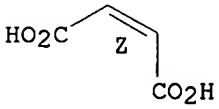
CRN 110894-64-9
CMF C17 H20 N2 O3 S



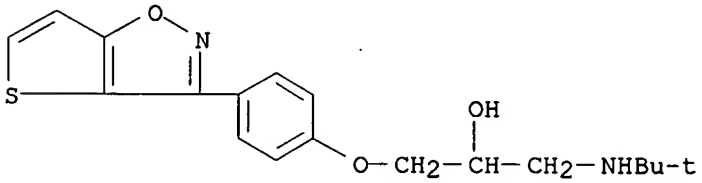
CM 2

CRN 110-16-7
CMF C4 H4 O4

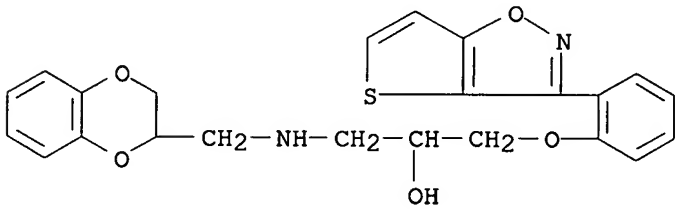
Double bond geometry as shown.



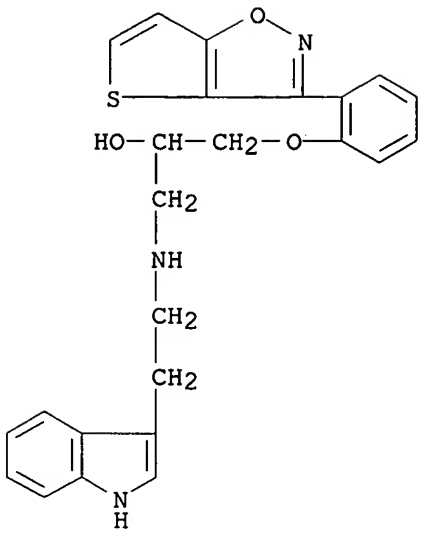
RN 110894-66-1 CAPLUS
CN 2-Propanol, 1-[(1,1-dimethylethyl)amino]-3-(4-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110894-76-3 CAPLUS
CN 2-Propanol, 1-[[(2,3-dihydro-1,4-benzodioxin-2-yl)methyl]amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)



RN 110916-52-4 CAPLUS
CN 2-Propanol,
1-[[2-(1H-indol-3-yl)ethyl]amino]-3-(2-thieno[2,3-d]isoxazol-3-ylphenoxy)- (9CI) (CA INDEX NAME)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N
S
HO
CH
CH2
O
CH2
NH
CH2
CH2
N
H

10/088369

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=> d l1; d his; log y
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.



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     FILE 'REGISTRY' ENTERED AT 11:23:40 ON 18 FEB 2005
L1              STRUCTURE UPLOADED
L2            8 S L1
L3          214 S L1 FUL

     FILE 'CAPLUS' ENTERED AT 11:24:23 ON 18 FEB 2005
L4            3 S L3


COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    15.72     177.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.19      -2.19

STN INTERNATIONAL LOGOFF AT 11:25:22 ON 18 FEB 2005
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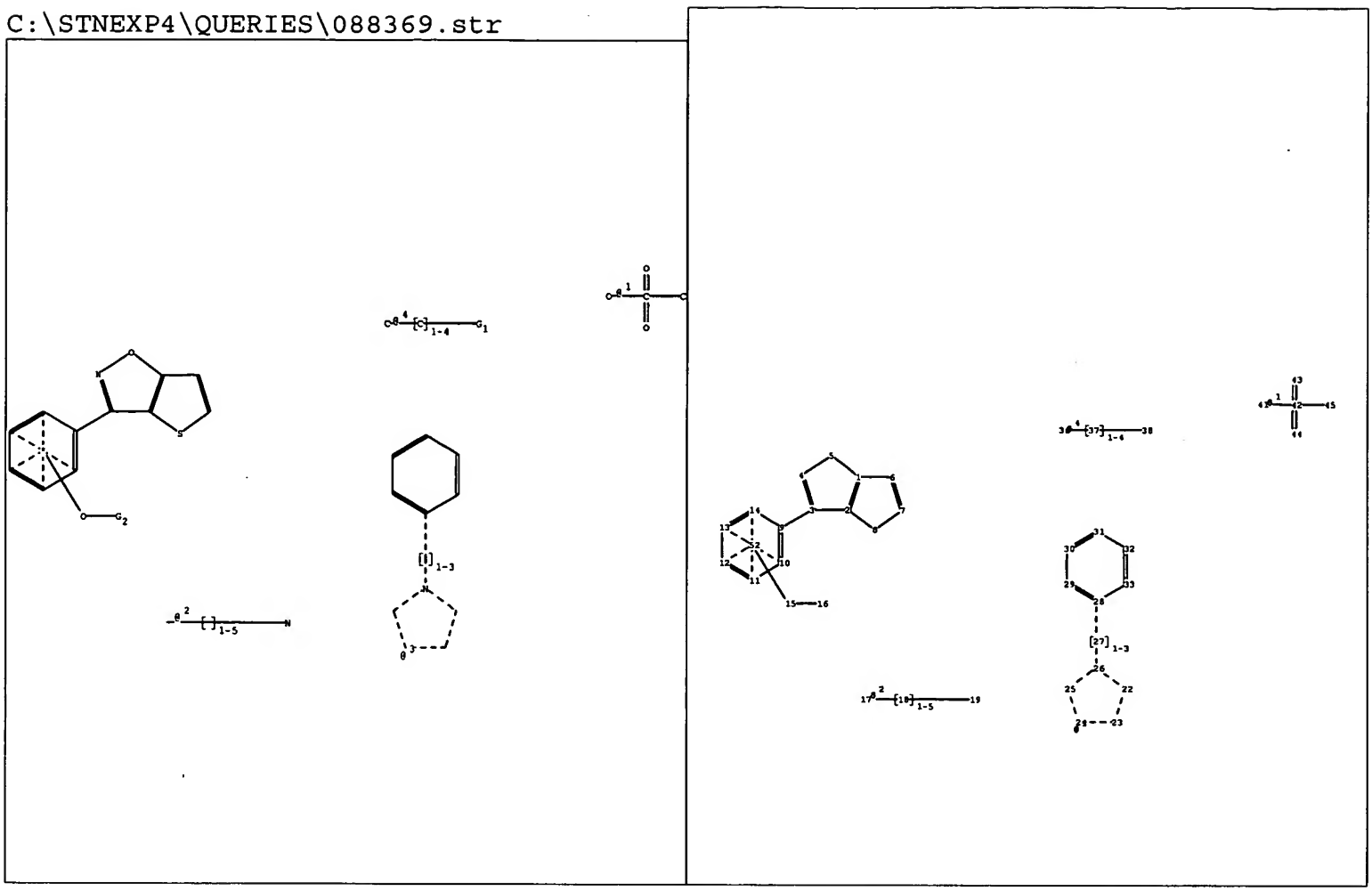

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ring nodes :
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ring/chain nodes :
19 45
chain bonds :
3-9 15-16 17-18 18-19 26-27 27-28 36-37 37-38 41-42 42-43 42-44
42-45
ring bonds :
1-2 1-5 1-6 2-3 2-8 3-4 4-5 6-7 7-8 9-10 9-14 10-11 11-12
12-13 13-14 22-23 22-26 23-24 24-25 25-26 28-29 28-33 29-30
30-31 31-32 32-33
exact/norm bonds :
1-2 1-5 1-6 2-3 2-8 3-4 4-5 6-7 7-8 15-16 18-19 22-23 22-26
23-24 24-25 25-26 26-27 27-28 37-38 41-42 42-43 42-44
exact bonds :
3-9 17-18 36-37 42-45
normalized bonds :
9-10 9-14 10-11 11-12 12-13 13-14 28-29 28-33 29-30 30-31 31-32
32-33

G1:X,[*1]

G2:[*2],[*3],[*4]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS
28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 36:CLASS 37:CLASS
38:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS 45:CLASS 52:CLASS